

AMENDMENT OF CLAIMS

1. (Withdrawn) A method of producing a lining support plate in which:

a) a support plate pattern is prepared, whereby the support plate pattern has on one lateral face which corresponds to the face of the support plate facing a friction lining a plurality of recesses into each of which a pin is introduced in such a way that the pin partially projects out of the support plate pattern;

b) the support plate pattern and the portions of the pins projecting out of the support plate pattern are surrounded by a moulding compound,

the moulding compound is compressed and/or cured,

the support plate pattern is removed from the cured and/or compressed moulding compound in such a way that the pins with the portions projecting out of the support plate pattern remain in the moulding compound and a support plate casting is formed into which the pins protrude;

c) a melt is poured into the support plate casting cavity, whereby the portions of the pins protruding into the support plate casting cavity are surrounded by the melt;

d) the melt is left to solidify in such a way that a cast iron lining support plate is formed; and

e) the lining support plate is removed from the mould.

2. (Withdrawn) A method as claimed in Claim 1, wherein the pins introduced into the support plate pattern are constructed in such a way that the portions of the pins projecting out of the pattern have undercuts.

3. (Withdrawn) A method as claimed in Claim 1, wherein the portions of pins introduced into the recesses in the support plate are contoured.

4. (Withdrawn) A method as claimed in Claim 1, characterised in that when the melt solidifies it forms a cast iron with vermicular graphite.

5. (Currently Amended) A lining support plate with a cast metal base plate with a support surface to receive a friction lining material, wherein a plurality of retaining elements project out of the support surface, characterised in that the base plate is made from cast iron, and that the retaining elements are individual pins which are cast into the base plate during the production thereof, and wherein a first portion of each pin protrudes into the base plate below the support surface and a second portion of each pin projects out of the support surface of the base plate.

6. (Previously Presented) A lining support plate as claimed in Claim 5, characterised in that the base plate is produced from cast iron with vermicular graphite.

7. (Previously Presented) A lining support plate as claimed in Claim 5, characterised in that the second portions of the pins projecting out of the base plate have undercuts to anchor the pins in the friction lining material.

8. (Currently Amended) A lining support plate as claimed in Claim 5, characterised in that the first portions of the pins cast into the base plate during production thereof are contoured and surrounded by the cast iron of the base plate.

9. (Withdrawn) A method of producing a friction lining, in which a lining support plate is produced according to a method as claimed in Claim 1, and a friction lining material with an organic binder is pressed onto the lateral surface of the lining support plate having the pins.

10. (Previously Presented) A lining support plate as claimed in Claim 5, wherein a friction lining material with an organic binder is pressed onto the support surface.